

REFERENCES

- Adams, D.B., 1977. A study of the hydrological and nutrient exchange processes in the Trinity River Delta, Texas. Part II: Marsh habitats and primary production in the Trinity River Delta. Espey, Huston and Assoc. Inc.
- Allen, T.F.H., and T.B. Starr, 1982. Hierarchy: perspectives for ecological complexity. University of Chicago Press, Chicago, IL. 310 pp.
- Ankney, C.D. and C.D. MacInnes. 1978. Nutrient reserves and reproductive performance of female lesser snow geese. *Auk* 95:459-471.
- Armstrong, N.E., 1982. Responses of Texas estuaries to freshwater inflows. p.103-120 *in* Estuarine Comparisons (V.S. Kennedy, ed.), Academic Press, NY.
- Armstrong, N.E., 1987. The ecology of open-bay bottoms of Texas: a community profile. U.S. Fish and Wildlife Service, Washington, D.C. Biological Report 85(7.12) 104 pp.
- Bagnall, R.A. 1976. Definition and persistence of an estuarine zooplankton assemblage. Ph.D. dissertation, University of Houston.
- Bahr, L.M., and W.P. Lanier, 1981. The ecology of intertidal oyster reefs of the South Atlantic coast: a community profile. U.S. Fish and Wildlife Service, Office Biol. Services, Washington, D.C. FWS/OBS-81/15. 105 pp.
- Bechtel, T.J. and B.J. Copeland. 1970. Fish species diversity indices as indicators of pollution in Galveston Bay, Texas. *Contr. Mar. Sci.* 15:103-132.
- Bellis, V. 1974. Medium salinity plankton systems. p.358-396 *in* Coastal ecological systems of the United States, Vol. 2 (H.T. Odum, B.J. Copeland, and E.A. McMahan, eds.), Conservation Foundation, Washington, D.C.
- Borey, R.B., P.A. Harcombe and F.M. Fisher. 1983. Water and organic carbon fluxes from an irregularly flooded brackish marsh on the upper Texas coast, U.S.A. *Estuarine, Coastal and shelf Science* 16:379-402.
- Burton, G.A., Jr. 1991. Assessing the toxicity of freshwater sediments. *Envir. Toxicol. Chem.* 10:1593-1627.
- Buskey, E., and K. Schmidt. 1992. Characterization of plankton from the Galveston Estuary. p.347-375 *in* Status and Trends of Selected Living Resources in the Galveston Bay system (C. Loeffler and A. Walton, eds.). GBNEP-19.
- Cake, E.W. Jr. 1983. Habitat Suitability Index Models: Gulf of Mexico American Oyster. U.S. Dept. Interior Fish and Wildlife Service FWS/OBS-82/10.57. 37pp.

- Campbell, P., T. Storck and V. Price. 1992. Trends in Texas commercial fishery landings, 1972-1990. TPWD Management Data Series No. 82.
- Christmas, J.Y., J.T. McBee, R.S. Waller, and F.C. Sutter III. 1982. Habitat suitability index models: Gulf menhaden. U.S. Dept. Int. Fish Widl. Serv. FWS/OBS-82/10.23. 23pp.
- Clark, D.G., G.L. Ray, and R.J. Bass. 1993. Benthic recovery on experimental dredged material disposal mounds in Galveston Bay, Texas. p.191-197 in Proceedings, The Second State of the Bay Symposium, February 4-6, 1993 (R.W. Jensen, R.W. Kiesling and F.S. Shipley, eds.). GBNEP-23.
- Conner, J.V. and F.M. Truesdale. 1972. Ecological implications of a freshwater impoundment in a low-salinity marsh. P.259-276 in Proceedings, Coastal Marsh and Estuary Management Symposium, La. State Univ. July 17-18, 1972.
- Conner, W.H., and J.W. Day, Jr., eds. 1987. The ecology of Barataria Basin, Louisiana: an estuarine profile. U.S. Fish and Wildlife Service, Washington, D.C. Biological Report 85(7.13) 165 pp.
- Conte, F.S. 1971. Ecological aspects of selected crustacea of two marsh embayments on the Texas coast. Ph.D. dissertation, 243pp. Texas A&M Univ., College Station.
- Conte, F.S. 1972a. The mysidacea of two marsh embayments on the Texas coast. Texas J. Sci. 23(4):597.
- Conte, F.S. 1972b. Occurrence of *Taphromysis louisiana* Banner (Crustacea, Mysidacea) in marsh embayments on the Texas coast. Southwestern Naturalist 17(2):203-204.
- Corliss, J. and L. Trent. 1971. Comparison of phytoplankton production between natural and altered areas in West Bay, Texas. Fish. Bull. 69(4):829-832.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe, 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Dept. Inter. Fish and Wildl. Serv. FWS/OBS-79/31, 103pp.
- Czapla, T.E. 1991. Diets and prey selection of pinfish and southern flounder in a *Halodule wrightii* seagrass meadow. Ph.D. Dissertation, Texas A&M University.
- Darnell, R.M., W.E. Pequegnat, B.M. James, F.J. Benson, and R.A. Defenbaugh. 1976. Impacts of construction activities in wetlands of the United States. U.S. Environmental Protection Agency EPA-600/3-76-045.
- Dauphin, D.T., A.N. Pettingell, and E.R. Rozenburg. 1989. A birder's checklist of the upper Texas coast. Houston Outdoor Nature Club.

- Fisher, W.L., J.H. McGowen, L.F. Brown, Jr., and C.C. Groat, 1972. Environmental geologic atlas of the Texas coastal zone - Galveston-Houston area. Univ. Texas Bur. Econ. Geol. 91pp.
- Forman, R.T.T., and M. Godron, 1986. Landscape Ecology. John Wiley and Sons, New York. 619 pp.
- Fotheringham, N. and R.A. Bagnall. 1976. Seasonal variation in the occurrence of planktonic larvae of sympatric hermit crabs. J. Exp. Mar. Biol. Ecol. 21:279-287.
- Gloyna, E.F., and J.F. Malina, 1964. Galveston Bay water quality study - historical and recent data. Center for Research in Water Resources, Univ. Texas - Austin, 120pp + 9 appendices.
- Hall, S.L. and F.M. Fisher, Jr. 1985. Annual productivity and extracellular release of dissolved organic compounds by the epibenthic algal community of a brackish marsh. J. Phycol. 21:277-281.
- Harper, D.E., Jr. 1992. Characterization of open bay benthic assemblages of the Galveston estuary and adjacent estuaries from the Sabine River to San Antonio Bay. p.413-450 in Status and Trends of Selected Living Resources in the Galveston Bay System (C. Loeffler and A. Walton, eds.). GBNEP-19.
- Holt, J. and K. Strawn. 1983. Community structure of macrozooplankton in Trinity and upper Galveston Bays. Estuaries 6(1):66-75.
- Holt, S.A. 1976. Temporal and spatial distribution of fishes in the upper Galveston Bay system with particular reference to the cooling waters of Cedar Bayou Generating Station. MS Thesis. Texas and Univ., College Station. 159pp.
- Kantrud, H.A. 1991. Widgeongrass (*Ruppia maritima* L.): a literature review. U.S. Fish and Wildl. Serv. Fish and Wildlife Research 10, 58pp.
- Kingston, M., ed. 1991. Texas Almanac and State Industrial Guide, 1992-1993. Dallas Morning News. 656pp.
- LaSalle, M., R.J. Bass, and G. Ray, 1991. Preliminary characterization of benthic assemblages of Galveston Bay, Texas: Results from benthic infaunal sampling. p.148-149 in Proceedings, Galveston Bay Characterization Workshop (F.S. Shipley and R.W. Kiesling, eds.), GBNEP-6.
- Lassuy, D.R. 1983a. Species profiles: life histories and environmental requirements (Gulf of Mexico) -- Gulf menhaden. U.S. Fish and Wildl. Serv. Div. of Biological Sciences, FWS/OBS-82/11.2. 13 pp.

- Lassuy, D.R. 1983b. Species profiles: life histories and environmental requirements (Gulf of Mexico) -- brown shrimp. U.S. Fish and Wildl. Serv. Div. Biol. Sci. FWS/OBS-82/11.1 15 pp.
- Loeffler, C. 1992. Appendix III.2 Organisms caught by CF monitoring program. p.225-231 in Status and trends of selected living resources in the Galveston Bay system (C. Loeffler and A. Walton, eds.), GBNEP-19.
- Mann, K.H. and J.R.N. Lazier. 1991. Dynamics of Marine Ecosystems: Biological-Physical Interactions in the Oceans. Blackwell Scientific Publications. 466pp.
- McTigue, T.A. and R.J. Zimmerman. 1991. Carnivory vs. herbivory in juvenile *Penaeus setiferus* (Linnaeus) and *Penaeus aztecus* (Ives). J. Exp. Mar. Biol. Ecol. 151:1-16.
- Meyer, J.L., 1990. A blackwater perspective on riverine ecosystems. BioScience 40:643-651.
- Minello, T.J., and G.A. Matthews. 1981. Variability of zooplankton tows in a shallow ecosystem. Contrib. Mar. Sci. 24:81-92.
- Minello, T.J., J.W. Webb, Jr., R.J. Zimmerman, R.B. Wooten, J.L. Martinez, T.J. Baumer, and M.C. Pattillo. 1991. Habitat availability and utilization by benthos and nekton in Hall's Lake and west Galveston Bay. unpublished report, 37pp.
- Monaco, M.E., T.E. Czapla, D.M. Nelson, and M.E. Patillo. 1989. Distribution and abundance of fishes and invertebrates in Texas estuaries. ELMR project rpt. NOAA. 107pp.
- Muncy, R.J. 1984. Species profiles: life histories and environmental requirements of coastal fishes and invertebrates (South Atlantic) -- white shrimp. U.S. Fish and Wildl. Serv. FWS/OBS-82/11.27 19 pp.
- National Research Council (U.S.). 1992. Restoration of aquatic ecosystems - Science, Technology, and Public Policy. 552pp.
- Odum, E.P., 1989. Ecology and our endangered life-support systems. Sinauer Associates, 283pp.
- Odum, W.E., T.J. Smith III, J.K. Hoover, and C.C. McIvor, 1984. The ecology of tidal freshwater marshes of the United States East Coast: a community profile. U.S. Fish and Wildl. Serv. Wash. D.C. FWS/OBS-83/17. 177 pp.
- O'Neill, R.V., D.L. DeAngelis, J.B. Waide, and T.F.H. Allen, 1986. A hierarchical concept of ecosystems. Princeton University Press, Princeton, N.J. 253 pp.

- Paine, J.G., and R.A. Morton, 1991. Historical shoreline changes in the Galveston Bay system. p.165-167 in Proceedings, Galveston Bay Characterization Workshop (F.S. Shipley and R.W. Kiesling, eds). GBNEP-6.
- Parker, J.C. 1965. An annotated checklist of the fishes of the Galveston Bay system, Texas. Publ. Inst. Mar. Sci. Univ. Texas 10:201-220.
- Parsons, T.R., M. Takahashi, and B. Hargrave. 1977. Biological Oceanographic Processes. 2nd ed. Pergamon Press.
- Peterson, C. H., and N. M. Peterson, 1979. The ecology of intertidal flats of North Carolina: a community profile. U.S. Fish and Wildlife Service, Office of Biological Services, Washington, D.C. FWS/OBS-79/39. 73 pp.
- Powell, E.N. 1993a. Status and trends analysis of oyster reef habitat in Galveston Bay. p.207-209 in Proceedings, Second State of the Bay Symposium (R.W. Jensen et al., eds.), GBNEP-23.
- Powell, E.N. 1993b. Oyster Survey. Report to Galveston Bay National Estuary Program (in press).
- Powell, E.N., E.E. Hofmann, J.M. Klinck, and S.M. Ray. *in press*. Modeling oyster populations. I. A commentary on filtration rate. Is faster always better?
- Pulich, W.M., and W.A. White. 1989. Decline of submerged vegetation in the Galveston Bay system: chronology and relationships to physical processes. Texas Parks and Wildlife Dept. 27pp.
- Pulich, W., Jr., W.A. White, M. Castiglione, and R. J. Zimmerman. 1991. Status of submerged vegetation in the Galveston Bay system. p.127-132 in Proc. Galveston Bay Characterization Workshop (F.S. Shipley and R.W. Kiesling, eds.). GBNEP-6.
- Quast, W.D., M.A. Johns, D.E. Pitts, Jr., G.C. Matlock, and J.E. Clark. 1988. Texas Oyster Fishery Management Plan, TPWD Fishery Management Plan Series No. 1.
- Ray, G.L., D.G. Clarke and R.J. Bass. 1993. Characterization of benthic assemblages of Galveston Bay: 1990-1992. p.185-190 in Proceedings, The Second State of the Bay Symposium, February 4-6, 1993 (R.W. Jensen, R.W. Kiesling and F.S. Shipley, eds.). GBNEP-23.
- Reid, G.K., Jr. 1957. Biologic and hydrographic adjustment in a disturbed Gulf coast estuary. Limnology and Oceanography 2:198-212.
- Scheiner, S.M., A.J. Hudson, and M.A. VanderMeulen. 1993. An epistemology for ecology. Bull. Ecol. Soc. Amer. 74(1):17-21.

- Schomer, N.S., R.D. Drew, and P. Johnson. 1990. Vegetation communities (habitats). p.134-215 in An ecological characterization of the Tampa Bay watershed (S.H. Wolfe and R.D. Drew, eds.) U.S. Fish Wildl. Serv. Biol. Rep. 90(20).
- Sears, N.E. 1981. Studies on the production and decomposition of *Spartina alterniflora* Loisel in a Galveston salt marsh. MS Thesis, Texas A&M University, College Station.
- Sheridan, P.F. 1983. Adundance and distribution of fishes in the Galveston Bay system, 1963-1964. Contrib. Mar. Sci. 26:143-163.
- Sheridan, P.F., R.D. Slack, S.M. Ray, L.W. McKinney, E.F. Klima, and T.R. Calnan. 1989. Biological components of Galveston Bay. p. 23-51 in Galveston Bay: Issues, Resources, Status, and Management. U.S. Dept. Commerce, NOAA Estuarine Programs Office.
- Shipley, F.S. 1991. Characterizing Galveston Bay: connecting science and management at the ecosystem level. Proceedings, Galveston Bay Characterization Workshop, February 21-23, 1991. GBNEP-6.
- Stanley, D.W. 1989. Historical trends in water quality and fisheries in Galveston Bay, Texas. Inst. Coastal and Marine Resources, East Carolina Univ.
- Stout, J.P., 1984. The ecology of irregularly flooded salt marshes of the northeastern Gulf of Mexico: a community profile. U.S. Fish and Wild. Serv. Div. of Biological Services. Biological Report 85(7.1) 98 pp.
- Taylor, P.J., and A.S. Blum. 1991. Ecosystems as circuits: diagrams and the limits of physical analogies. Biology and Philosophy 6:275-294.
- Texas Dept. Water Resources. 1981. Trinity-San Jacinto Estuary: A study of the influence of freshwater inflows. LP-113.
- Texas General Land Office, 1976. Texas Coastal Management Program, Report to the Governor and the 65th Legislature, Appendix 2.
- Texas Water Commission. 1990. The State of Texas Water Quality Inventory. LP 90-06.652pp.
- Turner, R.E., and M.S. Brody. 1983. Habitat suitability index models: northern Gulf of Mexico brown shrimp and white shrimp. U.S. Dept. Int. Fish and Wildl. Serv. FWS/OBS-82/10.54 24 pp.
- Vannote, R.L., G.W. Minshall, K.W. Cummins, J.R. Sedell, and C.E. Cushing. 1980. The river continuum concept. Can. J. Fish. Aquat. Sci. 37:130-137.
- Ward, G. 1993. Dredge and fill activities in Galveston Bay. GBNEP-28, 286pp.

- Ward, G.H., J.M. Wiersema, and N.E. Armstrong. 1982. Matagorda Bay: A Management Plan. National Coastal Ecosystems Team, Fish and Wildlife Service FWS/OB-82/73. 99pp.
- Wharton, C.M., W.M. Kitchens, E.C. Pendleton, and T.W. Sipe, 1982. The ecology of bottomland hardwood swamps of the Southeast: a community profile. U.S. Fish and Wildl. Serv. Wash. D.C. FWS/OBS-81/37. 133 pp.
- White, W.A., T.R. Calnan, R.A. Morton, R.S. Kimble, T.G. Littleton, J.H. McGowen, H.S. Nance, and K.E. Schmedes. 1985. Submerged lands of Texas, Galveston-Houston area: sediments, geochemistry, benthic macroinvertebrates, and associated wetlands. Bur. Econ. Geol., Univ. Texas.
- White, W.A., and J.G. Paine. 1992. Wetland Plant Communities, Galveston Bay System. GBNEP-16, 124pp.
- White, W.A., T.A. Tremblay, E.G. Wermund, and L.R. Handley. 1993. Status and trends of wetlands and aquatic habitats, Galveston Bay system, Texas. p.201-205 in Proceedings, Second State of the Bay Symposium (R.W. Jensen, R.W. Kiesling, and F.S. Shipley, eds.). GBNEP-23.
- Wiegert, R.G. and B.J. Freeman. 1990. Tidal salt marshes of the southeast Atlantic coast: a community profile. U.S. Fish and Wildlife Service Biol. Rep. 85(7.29). 70pp.
- Zimmerman, R. 1992a. Marsh Benthos. p.376-412 in Status and Trends of Selected Living Resources in the Galveston Bay System (C. Loefller and A. Walton, eds.). GBNEP-19.
- Zimmerman, R.J. 1992b. Evaluation of sites for marsh creation in Galveston Bay. unpublished report.
- Zimmerman, R., T. Minello, T. Baumer, and M. Castiglione. 1989. Oyster reef as habitat for estuarine macrofauna. NOAA Tech, Mem. NMFS-SEFC-249. 16pp.
- Zimmerman, R.J., T.J. Minello, M.C. Castiglione, and D.L. Smith. 1990. Utilization of marsh and associated habitats along a salinity gradient in Galveston Bay. NOAA Tech. Mem. NMFS-SEFC-250, 68pp.